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CLAIMS

- 1 A ducted air power plant comprising a motor driven fan situated in a duct, the fan having an air intake side and in operation producing a high pressure air stream in the duct, and the fan being located adjacent air splitter means, the air splitter means being arranged to divert the air stream into two or more subsidiary streams for delivery to respective air jet nozzles of the plant.
- 2 A power plant as claimed in Claim 1, in which the air splitter means is an air splitter plate arranged to provide four subsidiary air streams.
- 3 A power plant as claimed in Claim 1 or 2, in which the said air splitter means is connected by air delivery tubes to the jet nozzles.
- 4 A power plant as claimed in any one of Claims 1 to 3, in which the said fan has a rotor which is located adjacent a fan stator blade unit arranged to reduce swirl in the air stream leaving the fan.
- 5 A power plant as claimed in any one of Claims 1 to 4, in which the said air splitter plate is provided with air control blades which are capable of being moved to adjust air flow to the individual air jet nozzles.
- 6 A power plant as claimed in Claim 5, in which the air control blades are mounted for rotation about an axis which is in line with a diagonal of the air splitter plate such that a movement of a blade will offer a minimum obstruction to flow through an opening of the plate.
- 7 A mobile platform vehicle including a power plant as claimed in any one of Claims 1 to 6.

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- 8 An aircraft including a power plant as claimed in any one of Claims 1 to 6.
- 9 A power plant substantially as hereinbefore described with reference to any one of the accompanying drawings.